

Sheet 1 of 3

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

2149.731

Application Number

09/361189

Applicant

ENGLISH, ET. AL.

Filing Date

7/27/99

Group Art Unit

3652

U. S. PATENT DOCUMENTS

Part of paper #2

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	732692	3/1903	LITSEY			
	10922204	4/1914	KOCH, ET. AL.			
	1360208	11/1920	GAMBLE, ET. AL.			
	2042489	6/1936	WILLIAMS			
	2624590	11/1953	TILTON			
	2696928	12/1954	FAIRCLOTH, ET. AL.			
	2840346	6/1958	DU MOULIN			
	2937850	5/1960	WINKLER, ET. AL.			
	3179438	4/1965	FIELD			
	3845933	11/1974	HEIZER, JR.			
✓	3876096	4/1975	LATEL			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO
368748	5/1963	SWITZERLAND	414	490		
2604426	4/1988	FRANCE	254	123		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JK	SEARS CASTEL, JUNE 1991

EXAMINER

Keenan

DATE CONSIDERED

9/23/99

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet 2 of 3

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>JK</u>	<u>3920212</u>	<u>11/1975</u>	<u>WESTWOOD</u>			
	<u>41132359</u>	<u>1/1978</u>	<u>HARTMAN, JR.</u>			
	<u>43346696</u>	<u>6/1982</u>	<u>ROSS</u>			
	<u>4362458</u>	<u>12/1982</u>	<u>JANTZI</u>			
	<u>45331178</u>	<u>1/1985</u>	<u>SCHWANG</u>			
	<u>46390051</u>	<u>1/1987</u>	<u>BIRKLEY</u>			
	<u>5018930</u>	<u>5/1991</u>	<u>HARDIN, ET. AL.</u>			
	<u>5029814</u>	<u>7/1991</u>	<u>LIEGEL, ET. AL.</u>			
	<u>5131501</u>	<u>7/1992</u>	<u>YOSHIKAWA</u>			
	<u>5232203</u>	<u>8/1993</u>	<u>BUTTS</u>			
<u>✓</u>	<u>52998174</u>	<u>1/1994</u>	<u>CHANG</u>			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>JK</u>	<u>5464315</u>	<u>11/1995</u>	<u>PALMER, ET. AL.</u>	<u> </u>	<u> </u>	
<u>JK</u>	<u>5615451</u>	<u>4/1997</u>	<u>PETERSON, ET. AL.</u>	<u> </u>	<u> </u>	
<u>JK</u>	<u>5628522</u>	<u>5/1997</u>	<u>HALL</u>	<u> </u>	<u> </u>	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

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